

Company Information

Company Name: Williams Gas Pipeline
Gas STAR Contact: Michael C. Callegari



Title Sr. Environmental Scientist-Air Quality Compliance

Address: P.O. Box 1396

City: Houston

State: TX

Zip: 77251-1396

Phone: (713) 215-4584

Fax: (713) 215-3905

E-mail: michael.c.callegari@williams.com

Entered ISTAR
4/21/06 - HW

QA/QC DF 5/5/06

Company Information Updated: Yes

Activities Reported

BMP1: No BMP2: No BMP3: No BMP4: No BMP5: No BMP6: Yes

Total Methane Emission Reductions Reported This Year: 1,198,000

Previous Years' Activities Reported: No

Period Covered by Report

From: 01/01/2005

To: 12/31/2005

Additional Comments

Williams Gas Pipeline

✓ **BMP6: Partner Reported Opportunities (PROs)**

Use fixed/portable compressors for pipeline pumpdown

Current Year Activities

A. Description of PRO

Evaluated and identified as viable company BMP based on environmental, economic, and scheduling factors.

B. Level of Implementation

During scheduled pipeline facility modifications and/or maintenance activities. Total of 69 projects completed during calendar year 2005.

C. Methane Emissions Reduction

Methane Emissions Reduction: **1,198,000.00 Mcf/year** ✓

Basis for the emissions reduction estimate: **Other**

For each project: Log pre- and post-pumpdown natural gas pressure meter readings. Calculate pre- and post-pumpdown natural gas volumes based on standard gas temperature, logged gas pressures, pipeline outside diameter, and pipeline segment length. Subtract the calculated post-pumpdown volume from the calculated pre-pumpdown volume. Assume approximately 91% of net gas volume contains methane to obtain total estimated methane emissions reduction.

D. Duration of PRO

Number of years that methane emissions reductions will be realized: **1 years** ✓

E. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): **\$ 1,883,655**

F. Total Value of Gas Saved

Value of Gas Saved: **\$ 3,594,000.00**

\$ / Mcf used: **\$ 3.00**

G. Planned Future Activities

To what extent do you expect to implement this PRO next year?: **Whenever feasible, incorporate pipeline pumpdown activities as applicable into project scopes.**

Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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Transmission & Distribution - Natural Gas STAR Annual Report 2005

Williams Gas Pipeline

BMP6: Partner Reported Opportunities (PROs)

Use fixed/portable compressors for pipeline pumpdown

1993

1994

1995

1996

1997

1998

1999

2000

2001

2002

2003

2004

* Total cost of practice/activity (including equipment and labor)

Additional Comments

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William's Gas Pipeline
Additional Accomplishments

April 21, 2006